

DOCKET NO.: MSFT-2850/306820.01

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Rajeev B. Rajan, et al.

Application No.: 10/692,227

Filing Date: October 23, 2003

Confirmation No.: 8383

Group Art Unit: 2171

Examiner: Ehichioya, Fred I.

For: SYSTEM AND METHOD FOR STORING AND RETRIEVING A FIELD OF A
USER-DEFINED TYPE OUTSIDE OF A DATABASE STORE IN WHICH
THE TYPE IS DEFINED

DATE OF DEPOSIT: *Nov. 17, 2006*

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Steven B. Samuels

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REGISTRATION NO.: 37,711

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Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified

application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:
 - Certification in Accordance with § 1.97(e) is attached; or
 - The fee of \$180.00 as set forth in § 1.17(p) is attached.
- In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).
- Copies of reference numbers **45 thru 52** listed on the attached Form PTO-1449 are enclosed herewith.
- Copies of reference numbers **53 thru 58** on the attached Form PTO 1449 are not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(i).
- Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for

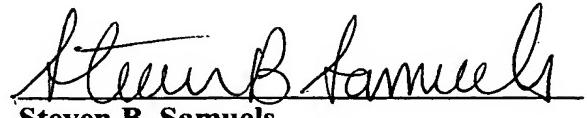
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which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

Date: *Nov. 17, 2006*


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Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. MSFT-2850/306820.01	Application No. 10/692,227
	Applicant Rajeev B. Rajan, et al.	
	Filing Date October 23, 2003	Group 2171
	Confirmation No. 8383	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

45	Adam, Nabil R., et al., "SI in Digital Libraries, Scaling on an international level requires integrating independently evolved systems," Communications of the ACM, Vol. 43, No. 6, June 2000, pp. 64-72
46	Hull, Richard, "Managing Semantic Heterogeneity in Databases: A Theoretical Perspective," PODS '97, Tucson Arizona, 1997, pp. 51-61
47	Klavans, Judith, "Data Bases in Digital Libraries: Where Computer Science and Information Management Meet," PODS 98, Seattle, Washington, 1998, pp. 224-226
48	Schauble, Peter, "SPIDER: A Multiuser Information Retrieval System for Semistructured and Dynamic Data," ACM-SIGIR '93, Pittsburgh, Pennsylvania, June 1993, pp. 318-327
49	Shapiro, Michael, et al., "Managing Databases with Binary Large Objects," IEEE, 1999, pp. 185-193
50	Suciu, Dan, "Distributed Query Evaluation on Semistructured Data," ACM Transactions on Database Systems, Vol. 27, No. 1, March 2002, pp. 1-62
51	Wang, Ke, et al., "Discovering Typical Structures of Documents: A Road Map Approach, SIGIR '98, Melbourne, Australia, 1998, pp. 146-154
52	Zdonik, Stanley B., "Incremental Database Systems: Databases from the Ground Up," SIGMOD 5/93, Washington, DC, 1993, pp. 408-412

EXAMINER	DATE CONSIDERED



Form PTO-1449 Modified	Docket No. MSFT-2850/306820.01	Application No. 10/692,227
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)	Applicant Rajeev B. Rajan, et al.	
U.S. Department of Commerce Patent and Trademark Office	Filing Date October 23, 2003	Group 2171
	Confirmation No. 8383	

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

EXAMINER

DATE CONSIDERED